AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claims 1-29 (canceled).

Claim 30 (previously presented): A boundary acoustic wave device comprising:

a first medium layer;

a second medium layer stacked on the first medium layer;

an electrode disposed in an interface between the first medium layer and the second medium layer, wherein boundary acoustic waves propagate along the interface between the first and second medium layers; and

a sound absorbing layer disposed on at least one of external surfaces of at least one of the first and second medium layers opposite to the interface so as to attenuate spurious responses.

Claim 31 (previously presented): The boundary acoustic wave device according to Claim 30, wherein an acoustic velocity of transverse waves in the sound absorbing layer is lower than an acoustic velocity of transverse waves in at least one of the first medium layer and the second medium layer having the sound absorbing layer.

Claim 32 (previously presented): The boundary acoustic wave device according to Claim 30, wherein an acoustic velocity of longitudinal waves in the sound absorbing layer is lower than an acoustic velocity of longitudinal waves in at least one of the first medium layer and the second medium layer having the sound absorbing layer.

Claim 33 (previously presented): The boundary acoustic wave device according

to Claim 30, wherein an acoustic velocity of transverse waves in the sound absorbing layer is in the range of about 0.13 to about 1.23 times an acoustic velocity of transverse waves in at least one of the first medium layer and the second medium layer having the sound absorbing layer.

Claim 34 (previously presented): The boundary acoustic wave device according to Claim 30, wherein an acoustic impedance of the sound absorbing layer is in the range of about 0.20 to about 5.30 times an acoustic impedance of at least one of the first medium layer and the second medium layer having the sound absorbing layer.

Claim 35 (previously presented): The boundary acoustic wave device according to Claim 30, wherein the sound absorbing layer comprises the same type of material as at least one of the first medium layer and the second medium layer.

Claim 36 (previously presented): The boundary acoustic wave device according to Claim 30, further comprising a low attenuation constant layer external to the sound absorbing layer, the attenuation constant layer having a lower attenuation constant for acoustic waves than the sound absorbing layer.

Claim 37 (previously presented): The boundary acoustic wave device according to Claim 30, wherein the sound absorbing layer comprises at least one material selected from the group consisting of resin, glass, ceramic, and metal.

Claim 38 (previously presented): The boundary acoustic wave device according to Claim 37, wherein the sound absorbing layer comprises a resin including a filler.

Claim 39 (previously presented): The boundary acoustic wave device according to Claim 30, wherein the sound absorbing layer is arranged on the surface of at least

one of the first medium layer and the second medium layer so as to oppose a boundary acoustic wave propagation path in the interface.

Claim 40 (previously presented): The boundary acoustic wave device according to Claim 30, further comprising an electrically conductive layer on at least one surface of the sound absorbing layer.

Claim 41 (previously presented): The boundary acoustic wave device according to Claim 30, further comprising a through-hole electrode passing through at least one of the first medium layer and the second medium layer, the through-hole electrode being electrically connected to the electrode disposed in the interface, and an external electrode disposed on an external surface of the boundary acoustic wave device, the external electrode being connected to the through-hole electrode.

Claim 42 (previously presented): The boundary acoustic wave device according to Claim 41, wherein the through-hole electrode is filled with an elastic material.

Claim 43 (previously presented): The boundary acoustic wave device according to Claim 41, wherein the through-hole electrode is separately provided in the first medium layer and the second medium layer, and the through-hole electrode of the first medium layer and the through-hole electrode of the second medium layer are discontinuous to each other.

Claim 44 (previously presented): The boundary acoustic wave device according to Claim 30, further comprising a wiring electrode provided on an external surface of the boundary acoustic wave device, the wiring electrode being electrically connected to the electrode disposed in the interface.

Claim 45 (previously presented): The boundary acoustic wave device according to Claim 44, further comprising a connection electrode connected to the electrode disposed in the interface, wherein the boundary acoustic wave device includes steps on a side surface intersecting the interface and the connection electrode is extended to the steps, and wherein the wiring electrode is extended to the steps and connected to the connection electrode at the steps.

Claim 46 (previously presented): The boundary acoustic wave device according to Claim 30, further comprising a third material layer in at least one of regions between the first medium layer and the second medium layer, on the outer surface of the first medium layer, and on the outer surface of the second medium layer, and the third material layer having a lower linear expansion coefficient in a direction that is substantially parallel to the interface than the first and the second medium layer.

Claim 47 (previously presented): The boundary acoustic wave device according to Claim 30, further comprising a third material layer in at least one of regions between the first medium layer and the second medium layer, on the outer surface of the first medium layer, and on the outer surface of the second medium layer, and the third material layer having a linear expansion coefficient in a direction that is substantially parallel to the interface, with a sign opposite to that of the first and the second medium layer.

Claim 48 (previously presented): The boundary acoustic wave device according to Claim 46, further comprising a fourth material layer in at least one of regions between the first medium layer and the second medium layer, on the outer surface of the first medium layer, and on the outer surface of the second medium layer, and the fourth material layer having a higher thermal conductivity than the first medium layer and the second medium layer.

Claim 49 (previously presented): The boundary acoustic wave device according to Claim 30, further comprising an impedance matching circuit in the interface or on an outer surface of the first or the second medium layer.

Claim 50 (previously presented): The boundary acoustic wave device according to Claim 30, wherein the second medium layer has a thickness of about 0.5λ or more and the sound absorbing layer has a thickness of about 1.0λ or more.

Claim 51 (previously presented): The boundary acoustic wave device according to Claim 30, wherein the sound absorbing layer has a multilayer structure.

Claim 52 (previously presented): The boundary acoustic wave device according to Claim 51, wherein the multilayer structure of the sound absorbing layer includes a plurality of sound absorbing material layers, and a sound absorbing material layer closest to the second medium layer has an acoustic characteristic impedance between the acoustic impedances of the second medium layer and a sound absorbing material layer farther away from the second medium layer.

Claim 53 (previously presented): The boundary acoustic wave device according to Claim 30, further comprising a mounting board bonded by a bump to a mounting surface of the boundary acoustic wave device, the mounting board made of a material harder than the first and second medium layers and the sound absorbing layer.

Claim 54 (previously presented): The boundary acoustic wave device according to Claim 30, further comprising a stress absorber arranged between the boundary acoustic wave device and the mounting board.

Claims 55-58 (canceled).